# BRUHAT BANGALORE MAHANAGARA PALIKE

## YELAHANKA ZONE

Estimate Cost Rs. 4000000.00

**Name of Work:** Detailed Estimate for the work of Construction of Samudaya Bhavana at SC/ST colony in Nagenahalli in ward no-02 of yelahanka Sub Division.

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | KSRB 2-1 1 Earth work in surface excavation in hard soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2 1(a) / 2 3 1,P. No 5/ Item No 2 2/ PWD SR 2013-14 | cum | | | | | | | |
| | | | 1 | 12 00 | 10 00 | 0 40 | 48 00 | | |
| | | | | | | | 48.00 | 173.84 | 8344.00 |
| | Basic Rate | 164 00 | | | | | | | |
| | Area Weightage @ 6% | 9 84 | | | | | | | |
| | Total | 173.84 | | | | | | | |
| 2 | KSRB 2-2 2 Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m specification, specification No. KBS 2 1(b) / 2 3 5, No 5/ Item No 2 4/ PWD SR 2013-14 | cum | | | | | | | |
| | for colums | | 14 | 1 50 | 1 50 | 1 50 | 47 25 | | |
| | for walls | | 2 | 7 35 | 0 90 | 1 20 | 15 88 | | |
| | | | 2 | 8 35 | 0 90 | 1 20 | 18 04 | | |
| | sump | | 1 | 2 50 | 2 50 | 2 00 | 12 50 | | |
| | for toilet | | 2 | 9 45 | 0 75 | 1 00 | 14 18 | | |
| | | | 4 | 2 00 | 0 75 | 1 00 | 6 00 | | |
| | | | 1 | 5 00 | 0 75 | 0 80 | 3 00 | | |
| | | | 2 | 0 75 | 0 60 | 0 80 | 0 72 | | |
| | flat form | | 1 | 9 00 | 2 50 | 0 60 | 13 50 | | |
| | inside foundation | | 3 | 5 70 | 0 75 | 0 80 | 10 26 | | |
| | | | | | | | 141.32 | | |
| | deduction column porotion | | 12 | 1 50 | 0 90 | 1 20 | 19 44 | | |
| | | | | | | | 121.88 | 223.66 | 27259.00 |
| | Basic Rate | 211 00 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Area Weightage @ 6% | 12.66 | | | | | | | |
| | **Total** | **223.66** | | | | | | | |
| 3 | KSRB-3.2 : Providing and injecting chemical emulsion for Preconstructional anti-termite treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulisifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one precent concentration, labour, HOM of equipments, complete as specifications ( Plinth area of building at ground floor only shall be measured) specification No KBS . 3.2.6 / 3.2.7 , P No. 09/ Item No 3.2/ PWD SR 2013-14 | sqm | | | | | | | |
| | for wall sides | 2x2 | 4 | 7.35 | | 1.20 | 35.28 | | |
| | | 2x2 | 4 | 8.35 | | 1.20 | 40.08 | | |
| | for wall bottom | 2x1 | 2 | 7.35 | 0.90 | | 13.23 | | |
| | | 2x1 | 2 | 8.35 | 0.90 | | 15.03 | | |
| | | | 2 | 2.50 | | 2.50 | 12.50 | | |
| | | | 2 | 2.50 | | 2.50 | 12.50 | | |
| | | | 1 | 2.50 | 2.50 | | 6.25 | | |
| | deduction coloumns portion | 2x12 | 24 | 1.50 | | 1.20 | 134.87<br>43.20 | | |
| | | | 12 | 1.50 | 0.90 | | 16.20 | | |
| | | | | | | | 59.40 | | |
| | Basic Rate | 97.00 | | | | | 75.47 | 102.82 | 7760.00 |
| | Area Weightage @ 6% | 5.82 | | | | | | | |
| | **Total** | **102.82** | | | | | | | |
| 4 | KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 141 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 141 (SR 2013-14) | cum | | | | | | | |
| | Basic Rate for loading and unloading | 62.20 | | Vide Item No. 1+2 | | | 197.35 | 76.79 | 15154.00 |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Basic Rate for Haulage upto 4.00 k.m =1.28 X 2 X 4 | 10.24 | | | | | | | |
| | | **72.44** | | | | | | | |
| | Area Weightage @ 6% | 4.35 | | | | | | | |
| | **Total** | **76.79** | | | | | | | |
| 5 | KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14 | Cum | | | | | | | |
| | for colums | | 14 | 1.50 | 1.50 | 0.20 | 6.30 | | |
| | walls | | 2 | 7.35 | 0.90 | 0.15 | 1.98 | | |
| | | | 2 | 8.35 | 0.90 | 0.15 | 2.25 | | |
| | toilet | | 2 | 9.45 | 0.75 | 0.15 | 2.13 | | |
| | | | 4 | 2.00 | 0.75 | 0.15 | 0.90 | | |
| | | | 1 | 5.00 | 0.75 | 0.15 | 0.56 | | |
| | | | 2 | 0.75 | 0.60 | 0.15 | 0.14 | | |
| | flat form | | 1 | 9.00 | 2.50 | 0.15 | 3.38 | | |
| | sump | | 1 | 2.50 | 2.50 | 0.15 | 0.94 | | |
| | hall | | 1 | 9.00 | 6.20 | 0.15 | 8.37 | | |
| | inside wall | | 3 | 5.70 | 0.75 | 0.15 | 1.92 | | |
| | | | | | | | **28.87** | | |
| | deduction column portion | | 12 | 1.50 | 0.90 | 0.15 | 2.43 | | |
| | | | | | | | **26.44** | **4211.38** | **111345.00** |
| | Basic Rate | 3973.00 | | | | | | | |
| | Area Weightage @ 6% | 238.38 | | | | | | | |
| | **Total** | **4211.38** | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 6 | KSRB 4 2 2 Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing complete as per specifications Specification No KBS 4 1,4 6, No KBS 4 1,4 6, No 13/ Item No 4 11/ PWD SR 2013-14 | Cum | | | | | | | |
| | for colums footings | | 14 | 1 50 | 1 50 | 0 45 | 14 18 | | |
| | columns 1st and 2nd floor upto parapet level | | 14 | 0 45 | 0 23 | 10 00 | 14 49 | | |
| | lintel for main wall | | 2 | 6 65 | 0 23 | 0 20 | 0 61 | | |
| | | | 2 | 9 00 | 0 23 | 0 20 | 0 83 | | |
| | toilet lintel | | 2 | 8 95 | 0 23 | 0 20 | 0 82 | | |
| | | | 1 | 6 90 | 0 23 | 0 20 | 0 32 | | |
| | staircase | | 4 | 2 50 | 0 23 | 0 20 | 0 46 | | |
| | landing | | 4 | 4 50 | 1 50 | 0 10 | 2 70 | | |
| | steps | | 2 | 2 50 | 2 00 | 0 15 | 1 50 | | |
| | threads | 2x2 | 2 | 20 00 | 1 50 | 0 10 | 6 00 | | |
| | flat form | 2x2 | 2 | 19 00 | 1 50 | 0 30 | 17 10 | | |
| | sump | | 1 | 9 00 | 2 50 | 0 10 | 2 25 | | |
| | | | 1 | 3 00 | 3 00 | 0 15 | 1 35 | | |
| | Basic Rate | 5222 00 | | | | | 62.61 | 5535.32 | 346542.00 |
| | Area Weightage @ 6% | 313 32 | | | | | | | |
| | Total | 5535.32 | | | | | | | |
| 7 | KSRB 5 2 3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1 6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5 1 13 Page No. 25/ Item No. 5 6/ PWD SR 2013-14 | Cum | | | | | | | |
| | walls | | 2 | 7.20 | 0.75 | 0.40 | 4.32 | | |
| | Toilets | | 2 | 10.00 | 0.75 | 0.40 | 6.00 | | |
| | | | 2 | 7.05 | 0.60 | 0.60 | 5.08 | | |
| | | | 2 | 9.85 | 0.60 | 0.60 | 7.09 | | |
| | | | 2 | 9.30 | 0.60 | 0.60 | 6.70 | | |
| | | | 4 | 2.15 | 0.60 | 0.60 | 3.10 | | |

| Sl. No | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 6.10 | 0.60 | 0.60 | 2.20 | | |
| | inside foundation | | 3 | 5.85 | 0.60 | 0.60 | 6.32 | | |
| | | | | | | | 40.79 | | |
| | deduction columns | | 12 | 1.50 | 0.75 | 0.40 | 5.40 | | |
| | | | 12 | 1.50 | 0.60 | 0.60 | 6.48 | | |
| | | | | | | | 11.88 | | |
| | | | | | | | 28.91 | 3484.22 | 100743.00 |
| | Basic Rate | 3287.00 | | | | | | | |
| | Area Weightage @ 6% | 197.22 | | | | | | | |
| | Total | 3484.22 | | | | | | | |
| 8 | KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:8, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14 | Cum | | | | | | | |
| | walls | | 2 | 6.90 | 0.45 | 0.40 | 2.48 | | |
| | | | 2 | 8.80 | 0.45 | 0.40 | 3.17 | | |
| | Toilets | | 2 | 9.15 | 0.45 | 0.40 | 3.29 | | |
| | | | 4 | 2.25 | 0.45 | 0.40 | 1.62 | | |
| | | | 1 | 6.20 | 0.45 | 0.40 | 1.12 | | |
| | | | 2 | 1.10 | 0.45 | 0.40 | 0.40 | | |
| | inside foundation | | 3 | 6.00 | 0.45 | 0.40 | 3.24 | | |
| | | | | | | | 15.32 | | |
| | deduction columns | | 12 | 0.45 | 0.23 | 0.40 | 0.50 | | |
| | | | | | | | 0.50 | | |
| | | | | | | | 14.82 | 4148.84 | 61491.00 |
| | Basic Rate | 3914.00 | | | | | | | |
| | Area Weightage @ 6% | 234.84 | | | | | | | |
| | Total | 4148.84 | | | | | | | |
| 9 | Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1 PWD SR 2013-14 | sqm | | | | | | | |
| | | | 2 | 9.70 | | 0.400 | 7.76 | | |
| | | | 2 | 6.90 | | 0.400 | 5.52 | | |
| | | | 2 | 8.95 | | 0.400 | 7.16 | | |
| | | | 2 | 3.15 | | 0.40 | 2.52 | | |
| | compound wall | | 2 | 12.20 | | 0.40 | 9.76 | | |
| | | | 2 | 9.15 | | 0.40 | 7.32 | | |
| | | | | | | | 40.04 | 78.44 | 3141.00 |
| | Basic Rate | 74.00 | | | | | | | |
| | Area Weightage @ 6% | 4.44 | | | | | | | |
| | Total | 78.44 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 10 | KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix M15 withOPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/ P.No. 12/ Item No 4.6/ PWD SR 2013-14 | Cum | | | | | | | |
| | Plinth beam | | 2 | 6.90 | 0.45 | 0.20 | 1.24 | | |
| | | | 2 | 8.80 | 0.45 | 0.20 | 1.58 | | |
| | toilet | | 2 | 9.15 | 0.45 | 0.10 | 0.82 | | |
| | | | 1 | 6.20 | 0.45 | 0.10 | 0.28 | | |
| | | | 4 | 2.25 | 0.45 | 0.10 | 0.41 | | |
| | | | 2 | 1.10 | 0.45 | 0.10 | 0.10 | | |
| | inside foundation beam | | 1 | 5.70 | 0.45 | 0.23 | 0.59 | | |
| | | | | | | | 5.02 | | |
| | deduction columns portion | | 12 | 0.45 | 0.23 | 0.30 | 0.37 | | |
| | Basic Rate | 4425.00 | | | | | 4.65 | 4690.50 | 21810.00 |
| | Area Weightage @ 6% | 265.50 | | | | | | | |
| | Total | 4690.50 | | | | | | | |
| 11 | KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2013-14 | Cum | | | | | | | |
| | | | 1 | 6.20 | 9.00 | 0.700 | 39.06 | | |
| | | | 4 | 1.50 | 1.50 | 0.400 | 3.60 | | |
| | | | 1 | 6.70 | 0.75 | 0.400 | 2.01 | | |
| | | | 1 | 1.80 | 2.50 | 0.40 | 1.80 | | |
| | | | 1 | 6.50 | 3.00 | 0.40 | 7.80 | | |
| | Basic Rate | 94.00 | | | | | 54.27 | 99.64 | 5407.00 |
| | Area Weightage @ 6% | 5.64 | | | | | | | |
| | Total | 99.64 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 12 | KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of **beams, beam** haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.34/ PWD SR 2013-14 | **sqm** | | | | | | | |
| | plinth beam | 5x2 | 10 | 6.90 | | 0.300 | 20.70 | | |
| | | 2x2 | 4 | 9.00 | | 0.300 | 10.80 | | |
| | toilet | 2x2 | 4 | 9.00 | | 0.200 | 7.20 | | |
| | | 4x2 | 8 | 3.00 | | 0.20 | 4.80 | | |
| | | 1x2 | 2 | 7.00 | | 0.20 | 2.80 | | |
| | lintels | 2x2 | 4 | 9.00 | | 0.20 | 7.20 | | |
| | | 4x2 | 8 | 3.00 | | 0.20 | 4.80 | | |
| | | 1x2 | 2 | 7.00 | | 0.20 | 2.80 | | |
| | | 4x2 | 8 | 9.50 | | 0.20 | 15.20 | | |
| | | 4x2 | 8 | 6.20 | | 0.20 | 9.92 | | |
| | | 4x2 | 8 | 3.00 | | 0.60 | 14.40 | | |
| | | 10x2 | 20 | 6.20 | | 0.60 | 74.40 | | |
| | | 4X2 | 8 | 9.00 | | 0.60 | 43.20 | | |
| | | | | | | | **218.22** | **239.56** | **52277.00** |
| | Basic Rate | 226.00 | | | | | | | |
| | Area Weightage @ 6% | 13.56 | | | | | | | |
| | **Total** | **239.56** | | | | | | | |
| 13 | KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended **floors, roofs,** landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.29/ PWD SR 2013-14 | **sqm** | | | | | | | |
| | | 2X1 | 2 | 6.50 | | 9.500 | 123.50 | | |
| | | 2X2 | 4 | 9.50 | | 0.150 | 5.70 | | |
| | | 2X2 | 4 | 6.50 | | 0.150 | 3.90 | | |
| | | 2X1 | 2 | 3.00 | | 3.00 | 18.00 | | |
| | | 2X1 | 2 | 3.00 | | 0.15 | 0.90 | | |
| | | 2X1 | 2 | 3.00 | | 0.15 | 0.90 | | |
| | | | 1 | 9.00 | | 2.80 | 25.20 | | |
| | | | 2 | 9.00 | | 0.15 | 2.70 | | |
| | | | 2 | 2.80 | | 0.15 | 0.84 | | |
| | | | | | | | **181.64** | **284.08** | **51600.00** |
| | Basic Rate | 268.00 | | | | | | | |
| | Area Weightage @ 6% | 16.08 | | | | | | | |
| | **Total** | **284.08** | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 14 | KSRB 4-6 1 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **foundations, footings,** bases of columns for mass concrete including cost of all materials, labour complete as per specifications Specification NO KBS 4 6 2 Page No 16/ Item No 4 28/ PWD SR 2013-14 | | | | | | | | |
| | COLUMNS FOOTINGS | sqm | | | | | | | |
| | | 2X14 | 28 | 1.50 | | 0.600 | 25.20 | | |
| | | 2X14 | 28 | 1.50 | | 0.600 | 25.20 | | |
| | | | | | | | 50.40 | 220.48 | 11112.00 |
| | Basic Rate | 208.00 | | | | | | | |
| | Area Weightage @ 6% | 12.48 | | | | | | | |
| | **Total** | **220.48** | | | | | | | |
| 15 | KSRB 4-6 6 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **columns, pillars,** piers, post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications Specification NO KBS 4 6 2 Page No 17/ Item No 4 33/ PWD SR 2013-14 | | | | | | | | |
| | | sqm | | | | | | | |
| | | 2X14 | 28 | 10.00 | | 0.450 | 126.00 | | |
| | | 2X14 | 28 | 10.00 | | 0.230 | 64.40 | | |
| | | | | | | | 190.40 | 836.34 | 159239.00 |
| | Basic Rate | 789.00 | | | | | | | |
| | Area Weightage @ 6% | 47.34 | | | | | | | |
| | **Total** | **836.34** | | | | | | | |
| 16 | KSRB 4-6 10 Providing and removing centering, shuttering, strutting, propping etc., **for chajjas, corbels etc.,** including edges including cost of all materials, labour complete as per specifications Specification NO KBS 4 6 2 Page No 17/ Item No 4 37/ PWD SR 2013-14 | | | | | | | | |
| | | sqm | | | | | | | |
| | | | 2 | 1.50 | | 0.600 | 1.80 | | |
| | | | 16 | 2.30 | | 0.600 | 22.08 | | |
| | | | 2 | 1.80 | | 0.600 | 2.16 | | |
| | | | 5 | 1.20 | | 0.60 | 3.60 | | |
| | | | | | | | 29.64 | 242.74 | 7195.00 |
| | Basic Rate | 229.00 | | | | | | | |
| | Area Weightage @ 6% | 13.74 | | | | | | | |
| | **Total** | **242.74** | | | | | | | |

| | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 17 | KSRB 4-6.11 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **stairs (excluding landing) except** spiral staircase including cost of all materials, labour complete as per specification Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.38/ PWD SR 2013-14 | **sqm** | | | | | | | |
| | | 4X2 | 8 | 2.00 | | 1.500 | 24.00 | | |
| | | | 2 | 1.50 | | 2.500 | 7.50 | | |
| | | 4X2 | 8 | 2.00 | | 0.200 | 3.20 | | |
| | | | 40 | 1.50 | | 0.150 | 9.00 | | |
| | | | | | | | **43.70** | **460.04** | **20104.00** |
| | Basic Rate | 434.00 | | | | | | | |
| | Area Weightage @ 6% | 26.04 | | | | | | | |
| | **Total** | **460.04** | | | | | | | |
| 18 | KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC, cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregates @0.391cum with superplastesiser @0.225Lts machine mixed, well compacted for **plain chajja of 8.5** cms average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification Specification NO. KBS 4.1, 4.6 Page No. 15/ Item No. 4.20/ PWD SR 2013-14 | **sqm** | | | | | | | |
| | D1 | | 2 | 1.50 | | 0.600 | 1.80 | | |
| | W | | 16 | 2.30 | | 0.600 | 22.08 | | |
| | w1 | | 2 | 1.80 | | 0.600 | 2.16 | | |
| | v | | 5 | 1.20 | | 0.60 | 3.60 | | |
| | | | | | | | **29.64** | **457.92** | **13573.00** |
| | Basic Rate | 432.00 | | | | | | | |
| | Area Weightage @ 6% | 25.92 | | | | | | | |
| | **Total** | **457.92** | | | | | | | |
| 19 | KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications Page No. 27/ Item No. 5.27/ PWD SR 2013-14 | **cum** | | | | | | | |
| | | 2x2 | 4 | 9.45 | | 3.500 | 132.30 | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | 2x2 | 4 | 6.20 | | 3.500 | 86.80 | | |
| | | 1x2 | 2 | 3.00 | | 3.500 | 21.00 | | |
| | toilet | | 2 | 8.95 | | 3.00 | 53.70 | | |
| | | | 4 | 2.50 | | 3.00 | 30.00 | | |
| | | | 1 | 6.65 | | 3.00 | 19.95 | | |
| | | | 2 | 1.50 | | 3.00 | 9.00 | | |
| | parpet | | 2 | 9.45 | | 0.60 | 11.34 | | |
| | | | 2 | 6.20 | | 0.60 | 7.44 | | |
| | | 2x2 | 4 | 3.00 | | 0.60 | 7.20 | | |
| | | 1x2 | 2 | 3.00 | | 0.60 | 3.60 | | |
| | sump | | 2 | 3.00 | | 2.00 | 12.00 | | |
| | | | 2 | 2.50 | | 2.00 | 10.00 | | |
| | | | | | | | **404.33** | | |
| | deduction D | | 2 | 1.80 | | 2.10 | 7.56 | | |
| | w | 2x8 | 16 | 2.00 | | 1.50 | 48.00 | | |
| | w1 | | 2 | 1.50 | | 1.50 | 4.50 | | |
| | v | | 5 | 0.90 | | 0.60 | 2.70 | | |
| | d1 | | 2 | 1.20 | | 2.10 | 5.04 | | |
| | d2 | | 4 | 1.00 | | 2.10 | 8.40 | | |
| | | 1x2 | 2 | 1.50 | | 2.00 | 6.00 | | |
| | | | | | | | **82.20** | | |
| | | | | | | | **322.13** | **907.36** | **292288.00** |
| | Basic Rate | 856.00 | | | | | | | |
| | Area Weightage @ 6% | 51.36 | | | | | | | |
| | Total | 907.36 | | | | | | | |
| 20 | KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2013-14 | Quintal | | 91.00 | | | | | |
| | **100kg/cum** | | 1.000 | **91.00** | | | 91.00 | | |
| | | | | | | | **91.00** | **7380.72** | **671660.00** |
| | Basic Rate | 6834.00 | | | | | | | |
| | Area Weightage @ 8% | 546.72 | | | | | | | |
| | Total | 7380.72 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 21 | Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete for R.C.C works laid in 15cms thick layers and well compacted vibrating curing etc. smooth finish in CM 1:3,with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) Ready mixed cement concrete for Beams, column, Staircase and Roof with M-20(cement -320 Kg/Cum) Page No. 19/ Item No. 4.49.1/ PWD SR 2013-14 | cum | | | | | | | |
| | roof | | 1 | 6.50 | 9.50 | 0.150 | 9.26 | | |
| | beam | | 2 | 9.50 | 0.23 | 0.600 | 2.62 | | |
| | | | 5 | 6.20 | 0.23 | 0.600 | 4.28 | | |
| | | | 2 | 3.00 | 0.23 | 0.60 | 0.83 | | |
| | roof | | 1 | 3.00 | 3.00 | 0.15 | 1.35 | | |
| | toilet roofs | | 1 | 9.00 | 2.95 | 0.12 | 3.19 | | |
| | | | | | | | **21.53** | **6348.34** | **136658.00** |
| | Basic Rate | 5989.00 | | | | | | | |
| | Area Weightage @ 6% | 359.34 | | | | | | | |
| | **Total** | **6348.34** | | | | | | | |
| 22 | KSRB 9.4-4 : Providing sal wood frames of doors, windows, clerestory windows, ventilators, and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps ), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33. Page No. 55 / Item No. 9.10/ PWD SR 2013-14 | cum | | | | | | | |
| | Main doors | 2x2 | 4 | 2.10 | 0.10 | 0.120 | 0.10 | | |
| | | 2x2 | 4 | 1.80 | 0.10 | 0.120 | 0.09 | | |
| | D1 | 2x2 | 4 | 1.20 | 0.10 | 0.120 | 0.06 | | |
| | | 2x2 | 4 | 2.10 | 0.10 | 0.12 | 0.10 | | |
| | d2 | 4x2 | 8 | 1.00 | 0.10 | 0.10 | 0.08 | | |
| | | 4x2 | 8 | 2.10 | 0.10 | 0.10 | 0.17 | | |
| | w | 16x2 | 32 | 2.00 | 0.10 | 0.12 | 0.77 | | |
| | | 16x2 | 32 | 1.50 | 0.10 | 0.12 | 0.58 | | |
| | w1 | 2x2 | 4 | 1.50 | 0.075 | 0.075 | 0.03 | | |
| | | 2x2 | 4 | 1.50 | 0.075 | 0.075 | 0.03 | | |
| | v | 5x2 | 10 | 0.90 | 0.075 | 0.075 | 0.05 | | |
| | | | 10 | 0.60 | 0.075 | 0.075 | 0.03 | | |
| | | | | | | | **2.09** | **66662.34** | **139289.00** |
| | Basic Rate | 62889.00 | | | | | | | |
| | Area Weightage @ 6% | 3773.34 | | | | | | | |
| | **Total** | **66662.34** | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 23 | KSRB 9-9 1 Providing and fixing in position **Honne wood half** panelled and half glazed shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick, 4mm thick plain glass, fixed with beading 15mm wide and thickness to finish with the shutters surface including cost of materials , labour, HOM of machineries complete as per specifications.(excluding cost of fixtures) Specification No 9 34,9 42 Page No. 57/ Item No. 9 26/ PWD SR 2013-14 | | | | | | | | |
| | | sqm | | | | | | | |
| | D | 2x1 | 2 | 1.80 | | 2.10 | 7.56 | | |
| | D1 | 2x1 | 2 | 1.20 | | 2.10 | 5.04 | | |
| | D2 | | 4 | 1.00 | | 2.10 | 8.40 | | |
| | | | | | | | 21.00 | 3877.48 | 81427.00 |
| | Basic Rate | 3658.00 | | | | | | | |
| | Area Weightage @ 6% | 219.48 | | | | | | | |
| | **Total** | 3877.48 | | | | | | | |
| 24 | KSRB 9-24 1 Providing and fixing in position fully glazed for windows shutters with Honne wood styles and rails of 25mm. thick, 75mm wide in single shutters with 4mm thick plain glass fixed with wooden beading including cost of materials, labour charges, HOM of machineries complete as per specifications (excluding cost of fixtures) Specification No.9 34, 9 42 Page No.61/ Item No. 9.73/ PWD SR 2013-14 | | | | | | | | |
| | | sqm | | | | | | | |
| | windows | 8x2 | 16 | 2.00 | | 1.50 | 48.00 | | |
| | w1 | | 2 | 1.50 | | 1.50 | 4.50 | | |
| | v | | 5 | 0.90 | | 0.60 | 2.70 | | |
| | | | | | | | 55.20 | 2520.68 | 139142.00 |
| | Basic Rate | 2378.00 | | | | | | | |
| | Area Weightage @ 6% | 142.68 | | | | | | | |
| | **Total** | 2520.68 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 25 | KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 Page No. 37/ Item No. 7.9/ PWD SR 2013-14 | kgs | | | | | | | |
| | windows | 8x2 | 16 | 2.00 | | 1.50 | 48.00 | | |
| | w1 | | 2 | 1.50 | | 1.50 | 4.50 | | |
| | v | | 5 | 0.90 | | 0.60 | 2.70 | | |
| | | | | | | | 55.20 | | |
| | 21kg/sqm | | | **55.20** | **21.00** | | **1159.20** | 95.40 | 110588.00 |
| | Basic Rate | 90.00 | | | | | | | |
| | Area Weightage @ 6% | 5.40 | | | | | | | |
| | **Total** | **95.40** | | | | | | | |
| 26 | KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever reuired smooth rendering, Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 122/ Item No. 15.11/ PWD SR 2013-14 | sqm | | | | | | | |
| | internal plastering | 2x1 | 2 | 9.00 | | 3.50 | 63.00 | | |
| | | 2x2 | 4 | 6.00 | | 3.50 | 84.00 | | |
| | beams | 6x2 | 12 | 6.20 | | 0.60 | 44.64 | | |
| | toilets | 4x2 | 8 | 1.50 | | 3.00 | 36.00 | | |
| | | 4x2 | 8 | 1.50 | | 3.00 | 36.00 | | |
| | | | 1 | 7.00 | | 3.00 | 21.00 | | |
| | | | 1 | 8.70 | | 3.00 | 26.10 | | |
| | | | 1 | 0.75 | | 3.00 | 2.25 | | |
| | | | 2 | 2.50 | | 3.00 | 15.00 | | |
| | | | 2 | 1.80 | | 3.00 | 10.80 | | |
| | sump | | 2 | 2.50 | | 2.00 | 10.00 | | |
| | | | 2 | 2.50 | | 2.00 | 10.00 | | |
| | | | 1 | 2.50 | | 2.50 | 6.25 | | |
| | | | | | | | 365.04 | | |
| | deduction D | | 2 | 1.80 | | 2.10 | 7.56 | | |
| | w | 8x2 | 16 | 2.00 | | 1.50 | 48.00 | | |
| | d1 | | 2 | 1.20 | | 2.10 | 5.04 | | |
| | d | | 4 | 1.00 | | 2.10 | 8.40 | | |
| | w1 | | 2 | 1.50 | | 1.50 | 4.50 | | |
| | v | | 5 | 0.90 | | 0.60 | 2.70 | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 76.20 | | |
| | | | | | | | 288.84 | 124.02 | 35822.00 |
| | Basic Rate | 117.00 | | | | | | | |
| | Area Weightage @ 6% | 7.02 | | | | | | | |
| | Total | 124.02 | | | | | | | |
| 27 | KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 120/ Item No. 15.21 Page No. 123/ PWD SR 2013-14 | sqm | | | | | | | |
| | ground and 1st floor | | 2 | 6.20 | | 9.00 | 111.60 | | |
| | Toilet | | 1 | 8.50 | | 2.50 | 21.25 | | |
| | | | | | | | 132.85 | 163.24 | 21686.00 |
| | Basic Rate | 154.00 | | | | | | | |
| | Area Weightage @ 6% | 9.24 | | | | | | | |
| | Total | 163.24 | | | | | | | |
| 28 | KSRB 15.7 Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications Page No. 124/ Item No. 15.33/ PWD SR 2013-14 | sqm | | | | | | | |
| | | qty same as item no 26+27 | | | | | 421.69 | | |
| | | | | | | | 421.69 | 19.08 | 8046.00 |
| | Basic Rate | 18.00 | | | | | | | |
| | Area Weightage @ 6% | 1.08 | | | | | | | |
| | Total | 19.08 | | | | | | | |
| 29 | KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 122/ Item No. 15.10/ PWD SR 2013-14 | sqm | | | | | | | |
| | external plastering | 1x2 | 2 | 9.50 | | 7.30 | 138.70 | | |
| | | | 2 | 6.70 | | 7.30 | 97.82 | | |
| | portico | 1x2 | 2 | 3.00 | | 3.00 | 18.00 | | |
| | | 1x2 | 2 | 3.00 | | 3.50 | 21.00 | | |
| | stair case | 2x2 | 4 | 1.50 | | 2.00 | 12.00 | | |
| | | 1x2 | 2 | 1.50 | | 2.50 | 7.50 | | |
| | steps | 1x2 | 2 | 9.00 | | 3.00 | 54.00 | | |
| | | 1x2 | 2 | 3.00 | | 3.00 | 18.00 | | |
| | parapet | | 2 | 6.50 | | 1.00 | 13.00 | | |
| | | | 2 | 9.50 | | 1.00 | 19.00 | | |
| | | | | | | | 399.02 | | |
| | deduction D | | 2 | 1.80 | | 2.10 | 7.56 | | |
| | w | 8x2 | 16 | 2.00 | | 1.50 | 48.00 | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | d1 | | 2 | 1.20 | | 2.10 | 5.04 | | |
| | d | | 4 | 1.00 | | 2.10 | 8.40 | | |
| | w1 | | 2 | 1.50 | | 1.50 | 4.50 | | |
| | v | | 5 | 0.90 | | 0.60 | 2.70 | | |
| | | | | | | | 76.20 | | |
| | | | | | | | 322.82 | 138.86 | 44827.00 |
| | Basic Rate | 131.00 | | | | | | | |
| | Area Weightage @ 6% | 7.86 | | | | | | | |
| | Total | 138.86 | | | | | | | |
| 30 | KSRB 10-2 Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS.2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS.2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed | sqm | | | | | | | |
| | with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 3000x300mm square. (e) the whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. Page No. 68/ Item No. 10.2/ PWD SR 2011-12 | sqm | | | | | | | |
| | | | 1 | 6.50 | | 9.50 | 61.75 | | |
| | | | 1 | 3.00 | | 3.00 | 9.00 | | |
| | | | 1 | 9.00 | | 3.00 | 27.00 | | |
| | | | | | | | 97.75 | 779.10 | 76157.00 |
| | Basic Rate | 735.00 | | | | | | | |
| | Area Weightage @ 6% | 44.10 | | | | | | | |
| | Total | 779.10 | | | | | | | |
| 31 | Providing and laying flooring using pre polishing water cut/gang saw 19 mm thick Granite slab over existing cement concrete bed in CM 1:4 at 20mm thick (average) pointed with white cement/ colour pigment etc., complete grey granite Page No. 115/ Item No. 14.47.2 / PWD SR 2013-14 | sqm | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | 1x2 | 2 | 6.20 | | 9.00 | 111.60 | | |
| | | 2x2 | 4 | 9.00 | | 0.10 | 3.60 | | |
| | | | 4 | 6.20 | | 0.10 | 2.48 | | |
| | | | | | | | 117.68 | 2067.00 | 243245.00 |
| | Basic Rate | 1950.00 | | | | | | | |
| | Area Weightage @ 6% | 117.00 | | | | | | | |
| | Total | 2067.00 | | | | | | | |
| 32 | KSRB 14.18.1 Providing skirting, dado, rises of steps with marble slabs not exceeding 30 cms. height on 10 cms. thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using marble slab of approved make and size of materials, labour, complete as per specifications Specification No. KBS 14.19 Page No. 114/ Item No. 14.42 / PWD SR 2013-14 | | | | | | | | |
| | | sqm | | | | | | | |
| | | 4x2 | 8 | 1.50 | | 1.50 | 18.00 | | |
| | | 4x2 | 8 | 1.50 | | 1.50 | 18.00 | | |
| | | | 2 | 1.80 | | 1.50 | 5.40 | | |
| | | | 2 | 2.50 | | 1.50 | 7.50 | | |
| | | | 2 | 6.70 | | 1.50 | 20.10 | | |
| | | | 4 | 1.50 | | 1.50 | 9.00 | | |
| | deduction | | | | | | 78.00 | | |
| | d2 | | 2 | 1.20 | | 2.10 | 5.04 | | |
| | v | | 4 | 1.00 | | 2.10 | 8.40 | | |
| | | | 5 | 0.90 | | 0.60 | 2.70 | | |
| | | | | | | | 16.14 | | |
| | Basic Rate | 2858.00 | | | | | 61.86 | 3029.48 | 187404.00 |
| | Area Weightage @ 6% | 171.48 | | | | | | | |
| | Total | 3029.48 | | | | | | | |
| 33 | FIXTURES for doors and windows Page No XIV SR 2013-14 | | | | | | | | |
| | DOORS | | | | | | | | |
| | Hinges 5" heavyduty | Each | 2 | 6 | | | 12 | 37.00 | 444 |
| | Door locks | Each | 2 | 2 | | | 4 | 401.00 | 1604 |
| | MS Clamps | Each | 2 | 12 | | | 24 | 38.00 | 912 |
| | Tower bolt 300mm long | Each | 2 | 5 | | | 10 | 116.00 | 1160 |
| | Aluminiuam handles 15cms | Each | 2 | 4 | | | 8 | 58.00 | 464 |
| | Brass screws 25mm | Each | 2 | 40 | | | 80 | 2.10 | 168 |
| | Locking arrengments | Each | 2 | 1 | | | 2 | 633.00 | 1266 |
| | Nails and screws | Kgs | 2 | 1 | | | 2 | 54.00 | 108 |
| | Bolts and nuts | Kgs | 2 | 1 | | | 2 | 84.00 | 168 |
| | GI J" or L" hooks with nuts and bolts | Each | 2 | 1 | | | 2 | 17.00 | 34 |
| | WINDOWS AND VENTILATORS | | | | | | | | |
| | Hinges 5" heavyduty | Each | 16 | 5 | | | 80 | 37.00 | 2960 |
| | bottom lock nail | Each | 16 | 3 | | | 48 | 47.00 | 2256 |
| | MS Clamps | Each | 16 | 4 | | | 64 | 38.00 | 2432 |
| | center pully | Each | 16 | 3 | | | 48 | 100.00 | 4800 |
| | Brass screws 25mm | Each | 16 | 40 | | | 640 | 2.10 | 1344 |

| Sr. No. | Description of Item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 34 | KSRB 15-17.2: Applying priming coat over new wood surface and / or wood based surface after brushing with wood primer pink paint including preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 127/ Item No. 15.56 / PWD SR 2013-14 | sqm | | | | | | | |
| | | | 4 | 1.80 | | 2.10 | 15.12 | | |
| | | | 4 | 1.20 | | 2.10 | 10.08 | | |
| | | | 8 | 1.00 | | 2.10 | 16.80 | | |
| | | | | | | | 42.00 | 27.56 | 1158.00 |
| | Basic Rate | 26.00 | | | | | | | |
| | Area Weightage @ 6% | 1.56 | | | | | | | |
| | Total | 27.56 | | | | | | | |
| 35 | KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No.125 / Item No. 15.60.1 / PWD SR 2011-12 | | | | | | | | |
| | | qty same as item no | | | | | 42.00 | | |
| | | | | | | | 42.00 | 78.44 | 3294.00 |
| | Basic Rate | 74.00 | | | | | | | |
| | Area Weightage @ 6% | 4.44 | | | | | | | |
| | Total | 78.44 | | | | | | | |
| 36 | KSRB 15.15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications with primer. Page No.126/ Item No. 15.51.2 / PWD SR 2013-14 | sqm | | | | | | | |
| | | qty same as item no | | | | | 421.69 | | |
| | | | | | | | 421.69 | 79.50 | 33524.00 |
| | Basic Rate | 75.00 | | | | | | | |
| | Area Weightage @ 6% | 4.50 | | | | | | | |
| | Total | 79.50 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 37 | KSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications with primer,page No.127 item No.15.53.2/PWD SR 2013-14 | | | | | | | | |
| | qty same as internal wall plastering | | | | | | 322.82 | | |
| | | | | | | | 322.82 | 78.44 | 25322.00 |
| | Basic Rate | 74.00 | | | | | | | |
| | Area Weightage @ 6% | 4.44 | | | | | | | |
| | Total | 78.44 | | | | | | | |
| | | | | | | Total Cost of Building | | | 3295753 |
| | WATER SUPPLY AND SANITARY WORKS | | | | | | | | |
| 38 | KSRB 13-8.11 Providing and fixing to wall, ceiling and floor, low-density polyethylene pipes 6.00KGf/sq.cm. working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No. 13.2.15.1 / 13.9,, Page No. 103/ Item No. 13.76 / PWD SR 2013-14 | Mtrs | | | | | | | |
| | | | 1 | 75.00 | | | 75.00 | | |
| | | | | | | | 75.00 | 104.94 | 7871.00 |
| | Basic Rate | 99.00 | | | | | | | |
| | Area Weightage @ 6% | 5.94 | | | | | | | |
| | Total | 104.94 | | | | | | | |
| 39 | KSRB 12-1.1 : Providing and laying in position to required level or slope 200mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications.Specification No. KBS 12.2.5/12.7 Page No. 72/ Item No. 11.1/ PWD SR 2013-14 | Mtrs | | | | | | | |
| | | | 1 | 30.00 | | | 30.00 | | |
| | | | | | | | 30.00 | 475.94 | 14278.00 |
| | Basic Rate | 449.00 | | | | | | | |
| | Area Weightage @ 6% | 26.94 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Total | 475.94 | | | | | | | |
| 40 | KSRB 11.11.6 : Providing and fixing white vitreous china clay, angle back wash basin of size 600x480mm with single 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. Page No. 82/ Item No. 12.28 PWD SR 2013-14 | Unit | | | | | | | |
| | | | 1 | 2 | | | 2 | | |
| | | | | | | | 2 | 3050.68 | 6101.00 |
| | Basic Rate | 2878.00 | | | | | | | |
| | Area Weightage @ 6% | 172.68 | | | | | | | |
| | Total | 3050.68 | | | | | | | |
| 41 | KSRB 11.14.2 : - Providing and fixing stainless steel kitchen sink of size 400x915mm bowl depth 178mm, with single bowl drains boards, M.S/C.L brackets, stainless steel plug 40mm, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. without drain board. Page No. 85/ Item No. 12.38 PWD SR 2013-14 | Unit | | | | | | | |
| | | | 1 | 4 | | | 4 | | |
| | | | | | | | 4 | 6885.76 | 27543.00 |
| | Basic Rate | 6496.00 | | | | | | | |
| | Area Weightage @ 6% | 389.76 | | | | | | | |
| | Total | 6885.76 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 42 | KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications. Specification No. KBS 11 Page No. 79/ Item No. 12.1 PWD SR 2013-14 | Unit | | | | | | | |
| | | | 1 | 4 | | | 4 | | |
| | | | | | | | 4.00 | 3489.52 | 13958.00 |
| | Basic Rate | 3292.00 | | | | | | | |
| | Area Weightage @ 6% | 197.52 | | | | | | | |
| | Total | 3489.52 | | | | | | | |
| 43 | KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specificationsNo.KBS Page No. 75/ Item No. 11.50 PWD SR 2013-14 | Unit | | | | | | | |
| | | | 1 | 2 | | | 2 | | |
| | | | | | | | 2 | 3489.52 | 6979.00 |
| | Basic Rate | 3292.00 | | | | | | | |
| | Area Weightage @ 6% | 197.52 | | | | | | | |
| | Total | 3489.52 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 44 | KSRB 11.15.3 - Providing and fixing 1500x450mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost materials, labour complete as per specifications Page No. 84 Item No. 12.43 PWD SR 2013-14 | Unit | | | | | | | |
| | | | 1 | 2 | | | 2 | | |
| | | | | | | | 2 | 1791.40 | 3583.00 |
| | Basic Rate | 1690.00 | | | | | | | |
| | Area Weightage @ 6% | 101.40 | | | | | | | |
| | Total | 1791.40 | | | | | | | |
| 45 | KSRB 11-17-1: Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P. brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications. Page No. 84/ Item No. 12.45 PWD SR 2013-14 | Unit | | | | | | | |
| | | | 1 | 2 | | | 2 | | |
| | | | | | | | 2.00 | 784.40 | 1569.00 |
| | Basic Rate | 740.00 | | | | | | | |
| | Area Weightage @ 6% | 44.40 | | | | | | | |
| | Total | 784.40 | | | | | | | |
| 46 | KSRB 13-6 5.1: Providing and fixing in position 15mm nominal bore brass ferrule with C.I. mouth cover including boring and tapping the main, cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specifications NO KBS 13 3 3 / 13.14 Page No. 98// Item No. 13.43 / PWD SR 2013-14 | Each | | | | | | | |
| | | | 1 | 2 | | | 2 | | |
| | | | | | | | 2.00 | 614.80 | 1230.00 |
| | Basic Rate | 580.00 | | | | | | | |
| | Area Weightage @ 6% | 34.80 | | | | | | | |
| | Total | 614.80 | | | | | | | |
| 47 | Providing and fixing CI Nahani Trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) Page No.92/ Item No. 12.113.2 PWD SR 2013-14 | Each | | | | | | | |
| | | | 1 | 2 | | | 2 | | |
| | | | | | | | 2 | 302.10 | 604.00 |
| | Basic Rate | 285.00 | | | | | | | |
| | Area Weightage @ 6% | 17.10 | | | | | | | |
| | Total | 302.10 | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 48 | KSRB 11-7.2 Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of two 7.5 liters PVC automatic flushing cistern C.I./M.S. brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fitting and brackets cutting and making good the wall and floor wherever required including cost of materials, labour complete as per specifications. Specification No. KBS 11 Page No.80/ Item No. 12.8 PWD SR 2013-14 | Each | | | | | | | |
| | | | 1 | 2 | | | 2 | | |
| | | | | | | | 2 | 4074.64 | 8149.00 |
| | Basic Rate | 3844 00 | | | | | | | |
| | Area Weightage @ 6% | 230.64 | | | | | | | |
| | Total | 4074.64 | | | | | | | |
| 49 | KSRB 13.11.1: Providing and placing on terrace Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22 Page No. 103/ Item No. 13.78 / PWD SR 2013-14 | Each | | | | | | | |
| | | | 1 | 2 | | | 2 | | |
| | | | | | | | 2 | 8831.92 | 17664.00 |
| | Basic Rate | 8332 00 | | | | | | | |
| | Area Weightage @ 6% | 499.92 | | | | | | | |
| | Total | 8831.92 | | | | | | | |
| 50 | Providing Supplying and commissioning of 1 HP submersible Monoblock pump with starter 15mm cable with necessary GI fittings with suction & Delivery hose pipes including necessary fittings etc completed as per specifications. | Nos | | | | | | | |
| | | | 1 | | | | 1.00 | | |
| | | | | | | | 1.00 | 10000.00 | 10000 00 |
| | | | | | | | Total (B) | | 119529.00 |
| | Electrification work | | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | pointing wiring using copper with switch<br>Supplying and wiring adoping loop system in exiting PVC conduit/casing caping using copper PVC insulated multi strand 2 x1.5 sqmm coper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet.II point wiring using class B materials (3/6) a) Short point upto 3 mtrs from tapping point to out let via switch | Each | 9 | | | | 9 | 160.00 | 1440.00 |
| | Medium point above 3Mtrs upto 6Mtrs from taping point to out let via switch | Each | 11 | | | | 11 | 245.00 | 2695.00 |
| | a) Long point above 6Mtrs upto 10 Mtrs from tapping point to out let via switch | Each | 12 | | | | 12 | 345.00 | 4140.00 |
| 2 | Wiring for lightin/power circuit using one of PVC insulted 1100v grade,multistrand copper conductor single core cable in open or consealed system of wiring.II Group B<br>e) 6 sqmm (9/20) | Each | 350 | | | | 350 | 45.00 | 15750.00 |
| 3 | Groove Cutting : Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary a) 19/20mm dia 2mm thick (2/3) | Per Mtr | 85 | | | | 85 | 43.00 | 3655.00 |
| 4 | Supplying and fixing PVC/metal conduit accessories special type Junction Box a) 19/20mm junction box (3/5) | Each | 5 | | | | 5 | 18.00 | 90.00 |
| | DEEP Junction Box a) 18/20 mm deep junction box | Each | 10 | | | | 10 | 29.00 | 290.00 |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 5 | 32.Supplying and fixing metal fan box with round hook (32/11) | Each | 8 | | | | 8 | 72.00 | 576.00 |
| 6 | Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete. (6/3) b) 12"x9"x3" (300x228x76mm) | Each | 2 | | | | 2 | 80.00 | 160.00 |
| 7 | Supplying and fixing of modular switch/Scocket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate II using group B" Meterial (8/18) e) 600 watts dimmer | Each | 8 | | | | 8 | 390.00 | 3120.00 |
| | g) 16 Amps one way switch | Each | 2 | | | | 2 | 115.00 | 230.00 |
| | J) 6/16 Amps Universal Socket | Each | 2 | | | | 2 | 170.00 | 340.00 |
| 8 | Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws. (22/10) | sq.cm | 1500 | | | | 1500 | 0.22 | 330.00 |
| 9 | Supplying surface mounted type mirror optic luminaries for single/twin 36/40 watts fluorescent lamps cross rising of stove enameled deep coloured M.S low profile housing complete with all accessories and high purity anodized aluminium reflector assembling along with cross louvers including necessary fluorescent tubes with Energy saving Electronic Ballest Etc. complete set II 2x4' 36/40 watts B) group B' (5/17) | Each | 8 | | | | 8 | 2500.00 | 20000.00 |

| Sr No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 10 | supplying capacitor type celing fan complete with dawn blades,shackle,canopies etc for operation on 230 Volts, 50 cycles,single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved 1 48" Sweep(1200 mm) a) Regular Model (23/23) | Each | 8 | | | | 8 | 1800.00 | 14400.00 |
| 11 | Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for e for light duty suitable for operate on 230 V 50 Hz, AC Supply... a) Group A' (21/22) | Each | 3 | | | | 3 | 1250.00 | 3750.00 |
| 12 | Supply patty type fluorescent tube light fitting of 4-36/40 watts flourescent tube fitting,made out of M S sheet and stove eanmeled with low loss open construction copper wound ferromagnetic ballast, strter,locking type prass contact holders mounted on double fold type sheet base fully wired for use on 230 volts A C supply including 1NO 4-36/40 watts fluorescent tube.) (2/16) Group A | Each | 2 | | | | 2 | 360.00 | 720.00 |
| 13 | Fixing all types and all capacities fluorescent/false celing/spot light/CFL fitting indoor on the wall/ celing/rafters/griders using 23/0 0076" twin twisted PVC insulated wires,required nos of blocks and clamps(if required) a) On wall/ ceiling/ Rafter/Griders (7/29) | Each | 8 | | | | 8 | 105.00 | 840.00 |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 14 | Fixing one ceiling/wall mounting fan of all capacities and all types to the exiting S hook with fan regular to the exiting board together with supplying and fixing a 5 ampers ceiling rose,necessary langth of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (8/29) | Each | 8 | | | | 8 | 105.00 | 840.00 |
| 15 | Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts 5 amps ceiling rose with sufficient length of 23/0.0076 inch PVC insulated twin core wire of apporoved Make (12/29) | Each | 3 | | | | 3 | 310.00 | 930.00 |
| 16 | Supplying,fixing wiring earth electrode for grouding conduits. I.C cutouts and other equipment on the meter board using 40mm dia 2.90 thick GI2.5 mtrlong buried in a pit should be filled with equal proporation of salt and charcoal 150mm alround the pipe to complete depth. The conection from the pipe to the conduit etc is to be established throughGI wire of size as oer ISI specifications 7.33 of IS 732 using 12mm dia bolts,nuts,washers and checknuts etc,the pipe shall have 16 through holes 12mm dia (68/01) | Each | 1 | | | | 1 | 1950.00 | 1950.00 |
| 17 | suplying and mixing miniature circuit breakers on exiting MCB distribution boards using necessary fixing materials and C type curve,indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10k and complete wiring as required. a) 32 Amps SP 1)Group A (12/36) | Each | 2 | | | | 2 | 195.00 | 390.00 |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 18 | Energy meter box. Supply and instalation/fixing/ provision of outdoor type thermoplastic modular panel enclousers with transperent polycarbonate lid shock proof,coreosion proof having internally embedded gasket on both lid and flap suitable to fix Single phase/three phase energy meter in suitable base plate and having a provision fo fuse/ MCB cutout with suitable transperent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. a) 300 x 300 x 214 mm (40/42) | Each | 1 | | | | 1 | 3055.00 | 3055.00 |
| 19 | Supplying of LT UG cable having aluminium conductor PVC insulated,sheathed,galvanized,steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV class A PVC Cabled)4 core 16 sqmm (68/04) | Per Mtr | 40 | | | | 40 | 150.00 | 6000.00 |
| 20 | Labour charges for laying of 1.1KV Class UG cable in existing trench GI pipe stoneware pipe/on wall/on pole as required a) 6sqmm to 16 10 sqmm (5/69) | R.Mtr | 40 | | | | 40 | 8.00 | 320.00 |
| 21 | Digging of trench of 0.6mm deep * 0.50 mtr wide refilling the trench to the required ground level and consolidating etc. complete (As per Civil SR KSRB 1-2p-7)a in Ordinary soil (6/70) | R.Mtr | 30 | | | | 30 | 40.00 | 1200.00 |
| 22 | Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not lessthan 3.25mm on pole/wall/drain crossing eith necessary clamping arrangements for UG cable of 1.1 KV class B 50 mm (9/70) | Mtr | 10 | | | | 10 | 260.00 | 2600.00 |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 23 | Suplying and fixing L.T cast Iron Pot Heads suitable for 1.1KV class UG cable filled with Necessary bitumen/insulating compound complete with terminals,clamps,bolts,nuts and washers etc,. b 16 Sqmm (10/70) | Each | 1 | | | | 1 | 260.00 | 260.00 |
| | | | | | | | | Total C ) | 90071.00 |
| | | | | | | | | | |
| | | | | | Total A + B + C | | | | 3505353.00 |
| | Bescom deposite | | | | | | | | 10000 00 |
| | 1% of Quality control charges | | | | | | | | 40000 00 |
| | KRIDL charges + Labourcess (11%) | | | | | | | | 440000 00 |
| | Miscellaneous charges | | | | | | | | 4647 00 |
| | | | | | | | | Total | 4000000.00 |

(Rupees Forty Lakhs Only)

CERTIFICATE

1 -
2 This estimate is prepared as per C S R. of 2013-14
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

ADMINISTRATIVELY SANCTIONED FOR Rs. 40,00,000
Rupees Fourty Lakhs only
Under P.2654
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /01
Dt. Estimate A/C Sanctioned
BBMP/YNK/JC/AA/793/13-14
dated 05/2/14 Rs. 40,00,000

Joint Commissioner
(Yelahanka Zone)
BBMP Bengaluru-92

TECHNICALLY SANCTIONED FOR Rs. 40,00,000
Rupees Fourty Lakhs Rupees only
Under P-2654
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /B/
Dt. Estimate A/C Sanctioned
CE/YNK/235/2013-14 No. 235
Dated 5-2-14 Rs. 40,00,000

Executive Engineer